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MonoMethyl-Histone H3-K79 Rabbit pAb

货号: AYP23134

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB ChIP
推荐浓度	**WB:** 1:100 - 1:500 **ChIP:** 1:50 - 1:200
理论分子量	15kDa
实测分子量	17KDa
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	HeLa,NIH/3T3,C6,H3
细胞定位	Chromosome,Nucleus
纯化	Affinity purification

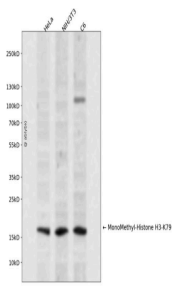
抗原信息

抗原信息	A synthetic monomethylated peptide around K79 of human histone H3 (NP_003520.1).

靶点信息

研究背景	Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Nucleosomes consist of approximately 146 bp of DNA wrapped around a histone octamer composed of pairs of each of the four core histones (H2A, H2B, H3, and H4). The chromatin fiber is further compacted through the interaction of a linker histone, H1, with the DNA between the nucleosomes to form higher order chromatin structures. This gene is intronless and encodes a replication-dependent histone that is a member of the histone H3 family. Transcripts from this gene lack polyA tails; instead, they contain a palindromic termination element. This gene is located separately from the other H3 genes that are in the histone gene cluster on chromosome 6p22-p21.3.
基因ID	8350
基因名	H3C1, H3C2, H3C3, H3C4, H3C6, H3C7, H3C8, H3C10, H3C11, H3C12
Swiss	P68431 (https://www.uniprot.org/uniprotkb/P68431/entry)
别名	H3.4,H3/g,H3FT,H3t,HIST3H3,Histone H3,HIST1H3A,MonoMethyl-Histone H3-K79 Rabbit pAb,H3C1,H3C2,H3C3,H3C4,H3C6,H3C7,H3C8,H3C10,H3C11,H3C12,Histone H3/a,Histone H3/b,Histone H3/c,Histone H3/d,Histone H3/f,Histone H3/h,Histone H3/i,Histone H3/j,Histone H3/k,Histone H3/l,H3FA,H3FL,HIST1H3B

产品验证



Western blot analysis of MonoMethyl-Histone H3-K79 expressed in HeLa,NIH/3T3,C6 using MonoMethyl-Histone H3-K79 Rabbit pAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

实验步骤

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